

Converting Colors

XYZ(87.0278, 88.0965, 98.3992)

Have a look what the booklet for
XYZ(87.0278, 88.0965, 98.3992)
contains.

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Color

**XYZ(86.7582, 87.7955,
97.9615)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEDF4
RGB	252, 237, 244
RGB Percent	99%, 93%, 96%
CMY	0.0118, 0.0706, 0.0431
CMYK	0.00, 0.06, 0.03, 0.01
HSL	332°, 71%, 96%
HSV	332°, 6%, 99%
XYZ	86.7582, 87.7955, 97.9615
YIQ	242.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

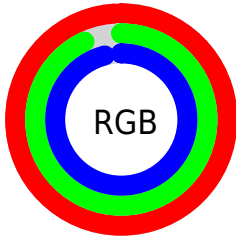
Format	Color
R _Y B	252, 237, 244
Decimal	16575988
CIE Lab	95.07, 6.25, -1.57
CIE LCh	95, 6.444, 345.919
Yxy	87.7955, 0.3184, 0.3222
Android (android.graphics.Color)	4294766068 (0xFFFCEDF4)
YUV	242.2830, 0.8465, 8.5218
Hunter-Lab	93.6993, 1.3034, 3.6025

Details

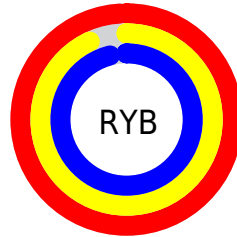
The XYZ color **86.7582, 87.7955, 97.9615** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2202, 94.2202, 100.0329**, and the grayscale version is **84.6141, 89.0207, 96.9435**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1067, 48.2807, 54.3606** is the 20% darker color. If you saturate the color by 10%, you get **78.0018, 73.4302, 85.3365**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

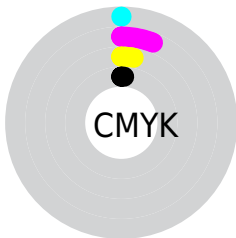
Distribution



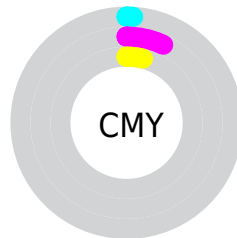
- Red (99%)
- Green (93%)
- Blue (96%)



- Red (99%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.7582, 87.7955, 97.9615 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 86.7582, 87.7955, 97.9615 by changing the saturation by 10% instead.


 86.7582, 87.7955,
97.9615

 86.7582, 87.7955,
97.9615


505.8245,
520.8333, 574.8278

 65.6225, 66.1537,
73.9918


141.7285,
144.2724, 160.3803

 48.2326, 48.3972,
54.2906


176.2937,
179.8763, 199.6666

 34.2231, 34.1415,
38.4393


216.0662,
220.9031, 244.8955

 23.2288, 23.0024,
26.0193

261.4113,
267.7371, 296.4855

 14.8841, 14.5952,
16.6122

312.6943,
320.7627, 354.8552

 8.8239, 8.5358,
9.7994

370.2806,

 4.6827, 4.4397,

380.3644, 420.4231

5.1623

434.5355,
446.9264, 493.6078

■ 2.0951, 1.9224,
2.2824

■ 0.6866, 0.5618,
0.7213

■ 86.7582, 87.7955,
97.9615

■ 86.7582, 87.7955,
97.9615

■ 78.0018, 73.4302,
85.3365

■ 93.9554, 99.4357,
108.8488

■ 70.3714, 61.0850,
73.8049

■ 63.8208, 50.6712,
63.3362

■ 58.2975, 42.0896,
53.8963

■ 53.7445, 35.2314,
45.4489

■ 50.0989, 29.9767,
37.9550

■ 47.2896, 26.1898,
31.3723

■ 45.2344, 23.7121,
25.6535

■ 43.8317, 22.3475,
20.7443

Harmonies

Analogous

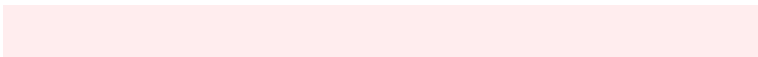
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8910, 87.7955, 102.4662



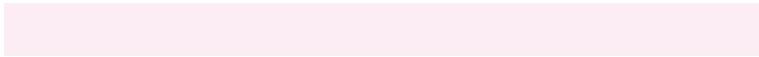
86.7582, 87.7955, 97.9615



86.7295, 87.7955, 92.9719

Triad

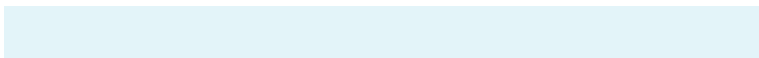
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7582, 87.7955, 97.9615



82.5262, 87.7955, 86.6112



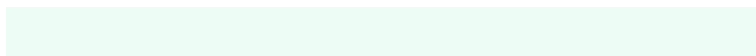
81.1247, 87.7955, 102.6957

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



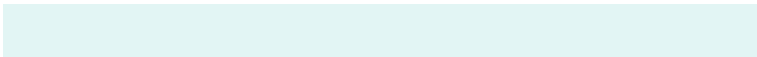
86.7582, 87.7955, 97.9615



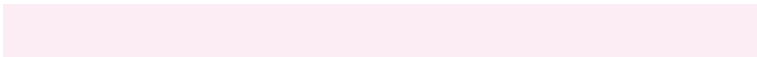
86.2202, 94.2202, 100.0329

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2484, 87.7955, 98.2657



86.7582, 87.7955, 97.9615



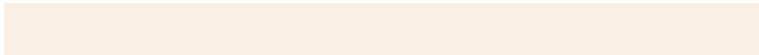
81.0497, 87.7955, 89.0368

Square

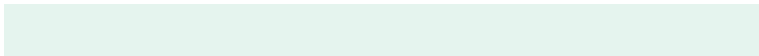
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



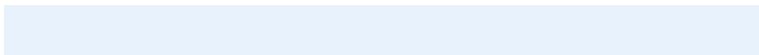
86.7582, 87.7955, 97.9615



84.2695, 87.7955, 86.5362



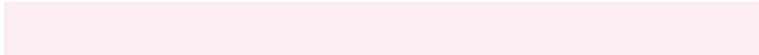
80.2211, 87.7955, 93.2657



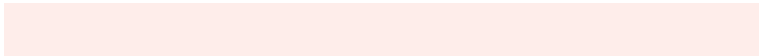
82.6299, 87.7955, 105.2635

Rectangle

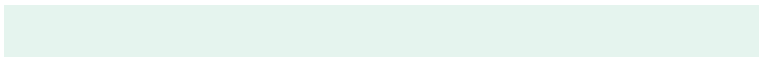
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.7582, 87.7955, 97.9615



86.2057, 87.7955, 90.0441



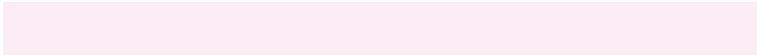
80.2211, 87.7955, 93.2657



80.7478, 87.7955, 101.3681

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.7607, 87.7993, 97.9634



93.0095, 96.6151, 106.0741



85.5143, 87.0133, 104.3848



19.9293, 20.7151, 22.7340



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

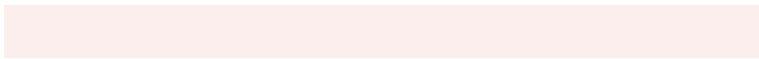
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7607, 87.7993, 97.9634



88.1220, 88.5370, 99.2136



85.8632, 87.6722, 92.5223



17.9426, 17.9540, 20.1676



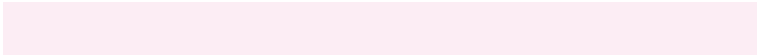
22.6747, 11.4856, 10.2612



2.1531, 1.0850, 1.2294

Inverse Universe

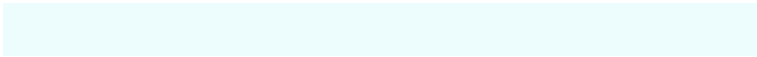
The Inverse Universe completely reimagines the original color for something new.



86.7607, 87.7993, 97.9634



88.1220, 88.5370, 99.2136



87.1520, 94.3421, 105.7131



17.9426, 17.9540, 20.1676



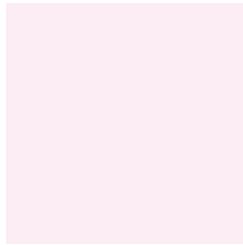
22.6747, 11.4856, 10.2612



2.1531, 1.0850, 1.2294

Previews

White Background



This preview shows how the XYZ color 86.7582, 87.7955, 97.9615 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 86.7582, 87.7955, 97.9615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

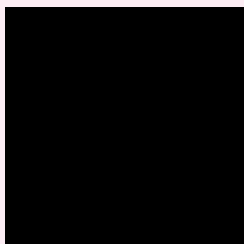
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.7582, 87.7955, 97.9615

Background



This preview shows how black text looks on a background with the XYZ color 86.7582, 87.7955, 97.9615.



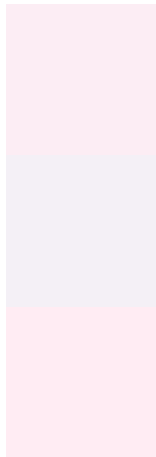
This preview shows how white text looks on a background with the XYZ color 86.7582, 87.7955,

97.9615.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.7582, 87.7955, 97.9615

Protanopia

85.1029, 88.2071, 99.7290

Deuteranopia

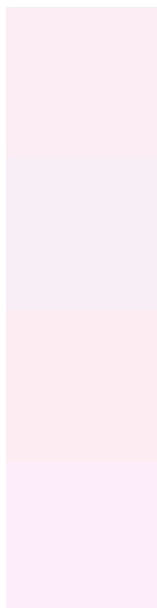
87.4131, 87.7220, 97.1189



Tritanopia

88.1057, 87.4551, 106.0028

Trichromacy



Original Color

86.7582, 87.7955, 97.9615

Protanomaly

85.7057, 88.0997, 98.8740

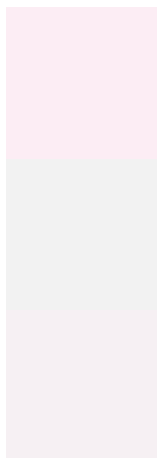
Deuteranomaly

87.0462, 87.5328, 97.1017

Tritanomaly

87.7588, 87.7757, 102.7595

Monochromacy



Original Color

86.7582, 87.7955, 97.9615

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.3438, 88.3841, 97.3558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7582, 87.7955, 97.9615 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(252, 237, 244) looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 86.7582, 87.7955, 97.9615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 237, 244) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 237, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7582, 87.7955, 97.9615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
237, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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